

Work Order ID 68023

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Tuesday, April 05, 2011 12:57:51 PM

Item ID: D3186-4

Accept



Setup Start



Revision ID:

Stop



Item Name: Spacepod Door, RH

Start Date: 4/5/2011 Start Qty: 1.00



Cust Item ID:

Required Date: 4/29/2011 Req'd Qty: 1.00



Customer:

Reference:

Approvals:

Process Plan:

CL

Date: 11/04/05

Tooling:

Date:

QC:

Date:

SPC (Y/N):

Date:

Run Start



Stop

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

Draw Nbr

Revision Nbr

D3186

Rev E

100

0.00



Small Fab

Small Fab

Memo

0.00

Small Fab

1-Trim door to fit spacepod before drill holes and cut out slots for latch as per
dwg D3186 (D3186-4 detail)

N/A CLU106101 sold as is

110

0.00



QC5- Inspect part completeness to step on W/O

QC

Memo

0.00

Quality Control

Sulbb1

④

120

0.00



Identify as per dwg & Stock Location: _____

Packaging

Memo

0.00

Packaging

PP 68024

11/6/11 SP

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____






NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries



Work Order ID 68023


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Tuesday, April 05, 2011 12:57:51 PM

Item ID: D3186-4 Accept  Setup Start 
Revision ID: Stop 
Item Name: Spacepod Door, RH
Start Date: 4/5/2011 Start Qty: 1.00  Cust Item ID:
Required Date: 4/29/2011 Req'd Qty: 1.00  Customer:

Reference:

Approvals: Process Plan: Date: Tooling: Date: Run Start 
QC: Date: SPC (Y/N): Date: Stop 

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130 	QC21- Final Inspection - Work Order Release	0.00							
QC Quality Control	Memo	0.00							

OK 11/06/01

MF
11-06-01

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Page 1

Tuesday, April 05, 2011 12:57:47 PM

Work Order ID: 68023



Parent Item: D3186-4



Parent Item Name: Spacepod Door, RH

Start Date: 4/5/2011



Required Date: 4/29/2011

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev:A New Issue 07-01-11 EC
IPP rev.B revD 07.03.07 ec
10-08-11 added trim door before drilling DD verf:EC

IPP Rev:C

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D3186-2M  SPACEPOD DOOR RH		Manufactured	No					100	Each	0.0000	1	1	
												B68024	

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

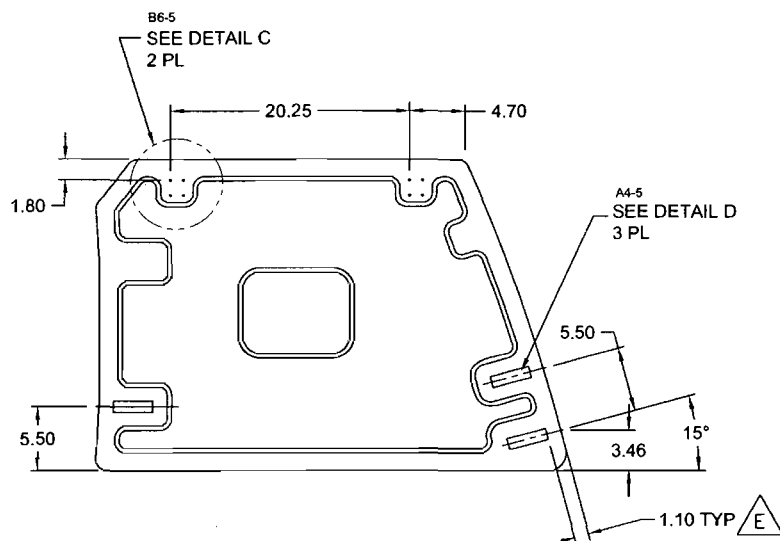
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D

C

B

A

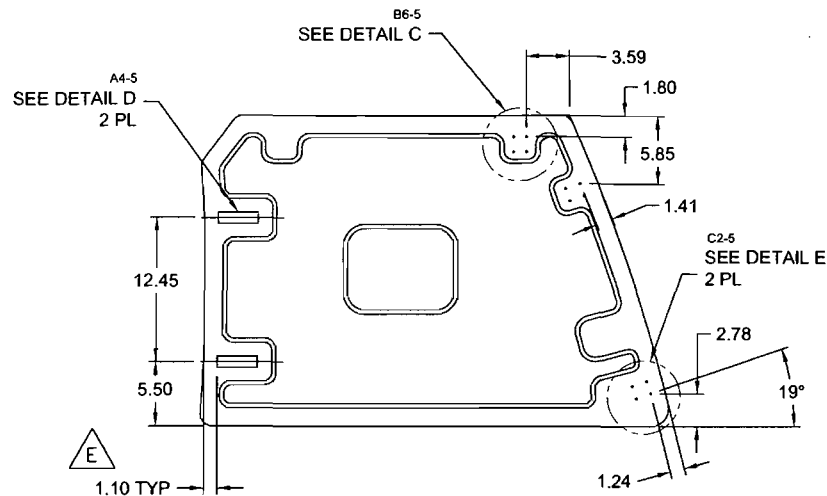


D3186-1 SPACEPOD DOOR, LH
MAKE FROM D3186-1M

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: N/A

C211/04/05
W10.68023

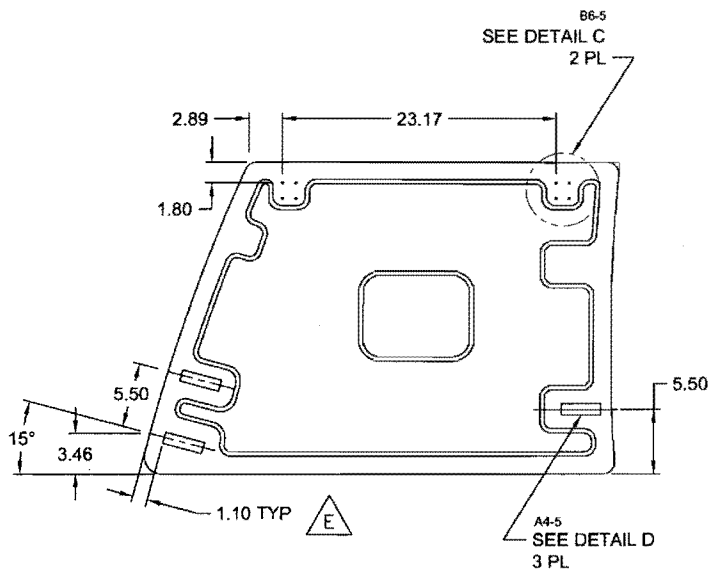


D3186-3 SPACEPOD DOOR, LH
MAKE FROM D3186-1M

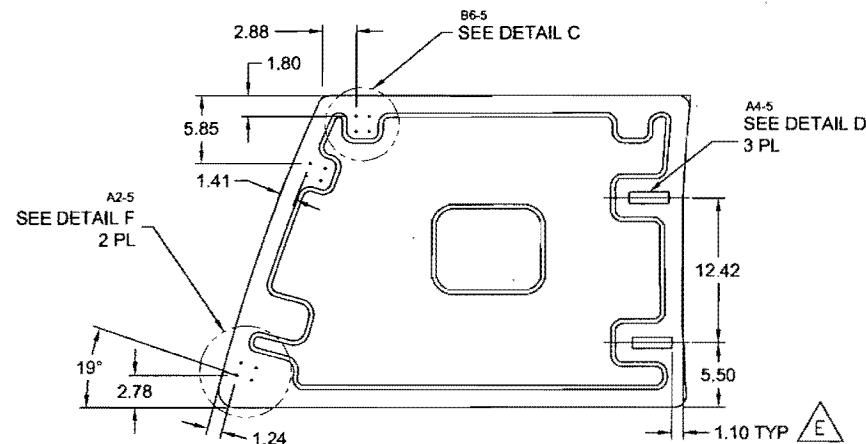
RELEASED
2009-09-09

E	DRAWING UPDATED TO CURRENT STANDARDS. 1.10 WAS 0.98 (ZN B5-1, B4-1, B7-2, B1-2); R0.12 WAS 0.125 (ZN B5-5); REF PAR 09-026	RF	09.07.08
D	UPDATE DIMENSIONS	LE	07.02.22
C	REMOVED D0600-XXX LABELS	LE	06.12.13
B	DIMS UPDATED TO MATCH PRODUCT FOAM PATTERN UPDATED D3186-1M/-2M/-3/-4 ADDED	LE	06.09.25
A	NEW ISSUE	CP	03.03.27
REV.	DESCRIPTION	BY	DATE
DESIGN	DS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	RF	DRAWING NO.	REV. E
MFG. APPR.		D3186	SHEET 1 OF 5
APPROVED		TITLE	SCALE
DE APPR.		SPACEPOD DOOR	NTS
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8 7 6 5 4 3 2 1



D3186-2 SPACEPOD DOOR, RH
MAKE FROM D3186-2M



D3186-4 SPACEPOD DOOR, RH
MAKE FROM D3186-2M

RELEASED
2008-09-09

NOTES:

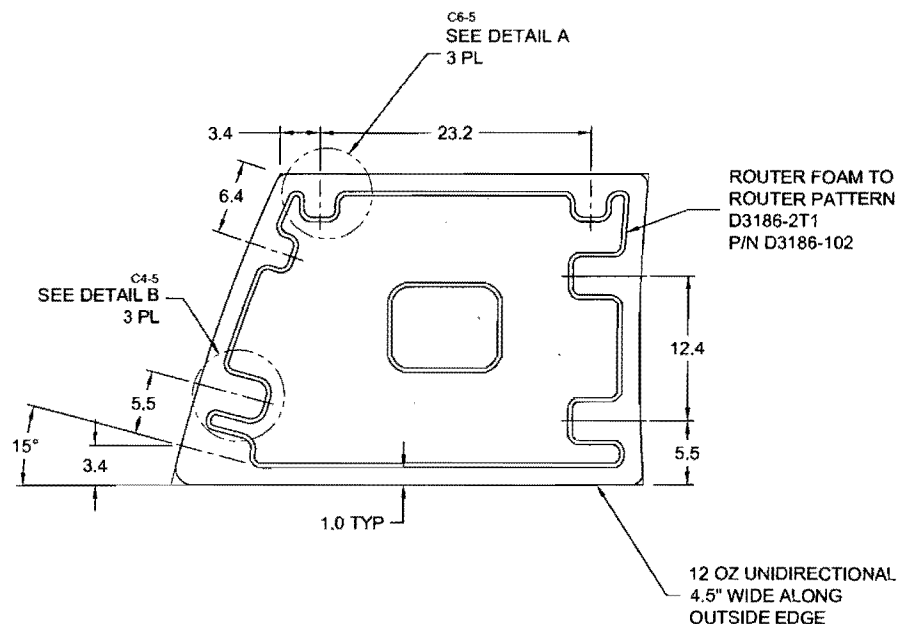
- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: N/A

W10'68023

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CHECKED	W	DRAWING NO.	REV. E
MFG. APPR.	W	D3186	SHEET 2 OF 5
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MAIN LAYUP

9 OZ SATIN (9 SQ FEET)
 9 OZ SATIN (9 SQ FEET)
 FOAM
 9 OZ SATIN (9 SQ FEET)
 12 OZ UNIDIRECTIONAL
 9 OZ SATIN (9 SQ FEET)
 RESIN (35-45% BY WEIGHT)
 PEEL PLY



ROUTER FOAM TO
 ROUTER PATTERN
 D3186-2T1
 P/N D3186-102

NOTES:

- 1) MATERIAL:
 RESIN = EPOCAST 50-A/9816 OR DERAKANE 470-36/411/510A40
 FOAM = 3/8", A500 CORE-CELL OR DIVINYCELL OR AIREX OR KLEGECELL
 FIBRE = 9.7 OZ 7781 WEAVE "S" GLASS ("9 OZ SATIN")
 12 OZ UNIDIRECTIONAL FIBERGLASS ("12 OZ UNIDIRECTIONAL")
 LAMINATE PER DART QSI 006 4.0
 LAMINATION SCHEDULE PER THIS DRAWING
- 2) FINISH: FINISH INSIDE/OUTSIDE WITH DUPONT HIGHBUILD GREY PRIMER 1144-S
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: 7.0 lbs
- 8) USE MOLD DT8006 FOR DOOR LAYUP

D3186-2M SPACEPOD DOOR AS MOLDED

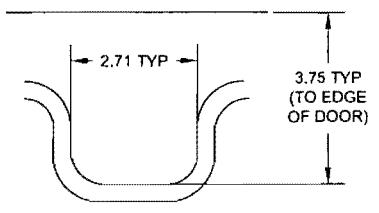
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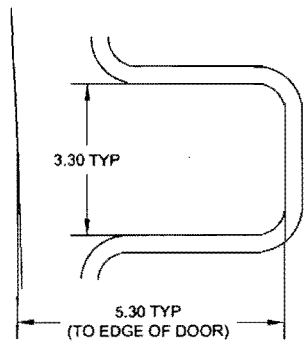
W10:68023

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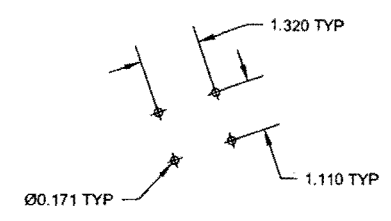
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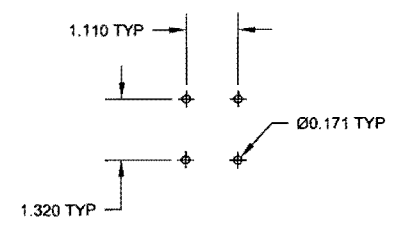
DETAIL A D6-3
SCALE 4X D4-4



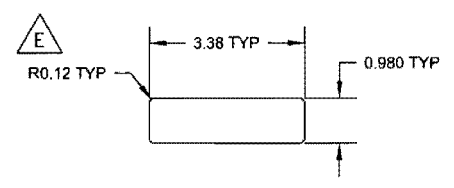
DETAIL B C6-3
SCALE 4X C6-4



DETAIL E C1-1
SCALE 4X

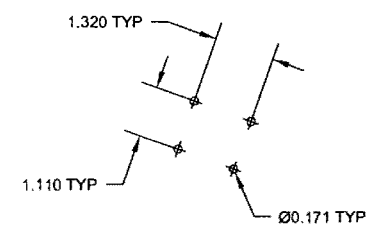


DETAIL C D7-1
SCALE 4X D3-1
D6-2
D3-2



DETAIL D C5-1
SCALE 4X D4-1
B6-2
C2-2

NOTE: ENSURE THAT CUTOUT IS PERPENDICULAR TO EDGE OF DOOR



DETAIL F C4-2
SCALE 4X

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2009-09-09

W10.68023

8 7 6 5 4 3 2 1

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